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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/719,442

11/21/2003

Craig White

200312527-1

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08/06/2007

HEWLETT PACKARD COMPANY

P O BOX 272400, 3404 E. HARMONY ROAD

INTELLECTUAL PROPERTY ADMINISTRATION

FORT COLLINS, CO 80527-2400

EXAMINER

GOODCHILD, WILLIAM J

ART UNIT

PAPER NUMBER

2145

MAIL DATE

DELIVERY MODE

08/06/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/719,442

Applicant(s)

WHITE ET AL.

Examiner

William J. Goodchild

Art Unit

2145

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 21 November 2003.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-41 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-41 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 November 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- ☒ Notice of References Cited (PTO-892)
- ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- ☒ Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date 11/21/2003.
- ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____.
- ☐ Notice of Informal Patent Application
- ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1-41 are rejected under 35 U.S.C. 102(b) as being anticipated by Lee, (US Publication No. 2002/0129024).

In reference to claim 1, Lee teaches a method / system comprising:

a web services router coupled with a network accessible outside of a firewall protecting the network [Lee, figure 1, paragraph 95]; and

a web services request generator external to the firewall of the network, the web services request generator being configured to generate a web services request including request content and configured to send the web services request to the web services router, which selectively passes the request content to the network resource [Lee, figure 1, paragraph 95-96 and 204].

In reference to claim 2, Lee teaches the method / system of claim 1 further comprising:

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a mobile device external to the firewall of the network configured to prompt the web services request generator to generate a web services request and configured to provide the web services request generator with a routing identifier for the network resource [Lee, paragraphs 94 and 97].

In reference to claim 3, Lee teaches the method / system of claim 2 wherein:
the mobile device performs a discovery operation to obtain the routing identifier of the network resource [Lee, paragraph 191].

In reference to claim 4, Lee teaches the method / system of claim 3 wherein:
the discovery operation is selected from the group including short-range radio frequency discovery, infrared discovery, radio frequency identifier tag based discovery, Internet protocol to latitude longitude discovery, and manual discovery [Lee, paragraph 183, figure 19].

In reference to claim 5, Lee teaches the method / system of claim 1 wherein:
the request content includes image data [Lee, figure 2, paragraph 120].

In reference to claim 6, Lee teaches the method / system of claim 1 wherein:
the web services request includes a routing identifier having a first address configured to route the request to the web services router and a second address configured to route the request content to the network resource [Lee, paragraph 204].

In reference to claim 7, Lee teaches the method / system of claim 6 wherein:
the web services router is configured to process the web services request by translating the request content into a communications protocol and by forwarding the translated request content through the firewall to the network resource [Lee, paragraph 204].

In reference to claim 8, Lee teaches the method / system of claim 7 wherein:
the web services request includes at least one security credential, and wherein the web services router is configured to verify the at least one security credential, and selectively forward the translated request content to the network resource based on the at least one security credential [Lee, paragraphs 358 and 357].

In reference to claim 9, Lee teaches the method / system of claim 8 wherein:
the web service router is configured to verify the at least one security credential by comparing the security credential to a list of authorized users [Lee, paragraphs 358 and 359].

In reference to claim 10, Lee teaches the method / system of claim 7 wherein:
the communications protocol includes Simple Object Access Protocol (SOAP) [Lee, paragraph 204].

In reference to claim 11, Lee teaches the method / system of claim 10 wherein:
the communications protocol includes at least one security credential [Lee, paragraph 357].

In reference to claim 12, Lee teaches the method / system of claim 1 wherein:
the request generator is resident on a system component selected from the group including: a mobile device, a home application server, and a content server [Lee, paragraphs 94 and 97].

In reference to claim 13, Lee teaches the method / system of claim 1 wherein:
the network resource is a printer [Lee, paragraph 120].

In reference to claim 14, Lee teaches the method / system of claim 1 wherein:
the network resource is a projector [Lee, paragraph 120].

In reference to claim 15, Lee teaches the method / system of claim 1 further comprising:
a foreign application server coupled with the network behind the firewall and configured to perform one or more network application functions [Lee, paragraph 96 and figure 1].

In reference to claim 16, Lee teaches the method / system of claim 1 further comprising:

a foreign application server coupled with the network behind the firewall and configured to perform one or more network application functions, wherein the one or more network application functions are selected from the group including rendering print content into printer readable format, verifying security credentials, routing translated content to the network resource, rendering projector content into projector readable format, and combinations thereof [Lee, paragraphs 96 and 120 and figure 1].

In reference to claim 17, Lee teaches the method / system of claim 13 wherein:
the web services router forwards the request content to the foreign application server for processing by the one or more network application functions [Lee, paragraph 96].

In reference to claim 18, Lee teaches a method / system comprising:
receiving a web services request to access the network resource from outside the firewall of the target network [Lee, figure 1 and paragraph 95],

wherein the web services request includes request content and a network resource identifier; and selectively authorizing the request content to penetrate the firewall of the target network to access the identified network resource [Lee, paragraph 204].

In reference to claim 19, Lee teaches the method / system of claim 18 further comprising:

generating a network resource call including the request content and a destination address derived from the network resource identifier [Lee, paragraph 97];
and

sending the network resource call through the firewall to the destination address [Lee, paragraph 204].

In reference to claim 20, Lee teaches the method / system of claim 19 wherein:
receiving the request to access a network resource includes receiving the web services request in XML using a Simple Object Access Protocol [Lee, paragraph 204].

In reference to claim 21, Lee teaches the method / system of claim 18 wherein:
receiving the web services request includes receiving a security credential [Lee, paragraph 358 and 357].

In reference to claim 22, Lee teaches the method / system of claim 21 wherein:
selectively authorizing the request content to penetrate the firewall includes authenticating a security credential and authorizing the request content to penetrate the firewall upon the security credential being authenticated [Lee, paragraphs 358 and 357].

In reference to claim 23, Lee teaches the method / system of claim 22 wherein:

authenticating the at least one security credential includes matching the at least one the security credential to a user on a list of authorized users [Lee, paragraphs 358 and 357].

In reference to claims 24 and 36, Lee teaches a method / system comprising:
accessing a home network by a mobile device [Lee, paragraphs 94 and 97];
selecting a foreign network resource [Lee, paragraphs 94 and 97]; and
initiating a web services request for access to the selected foreign network resource [Lee, paragraphs 95-96 and figure 1].

In reference to claims 25 and 37, Lee teaches the method / system of claims 24 and 36 further comprising:
discovering at least one foreign network resource [Lee, paragraph 191].

In reference to claims 26 and 38, Lee teaches the method / system of claims 24 and 36 wherein:

discovering at least one foreign network resource includes using a discovery operation selected from the group including short-range radio frequency discovery, infrared discovery, radio frequency identifier tag based discovery, Internet protocol to latitude longitude discovery, and manual discovery [Lee, paragraph 183, figure 19].

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In reference to claim 27, Lee teaches the method / system of claim 26 further comprising:

providing a list of network resources to the mobile device, wherein selecting a foreign network resource includes selecting from the list provided to the mobile device [Lee, paragraphs 191 and 183].

In reference to claims 28 and 39, Lee teaches the method / system of claims 24 and 36 wherein:

initiating a web service request includes prompting an application server on the home network to generate a web service request, wherein the web service request includes request content for delivery to the selected foreign network resource [Lee, paragraphs 94 and 97].

In reference to claims 29 and 40, Lee teaches the method / system of claims 24 and 39 further comprising:

instructing the application server to deliver the request content to the selected foreign network resource [Lee, figure 1, paragraphs 95-96 and 204].

Claims 30-35 have similar limitations as claims 1-17. Therefore, claims 30-35 are rejected under Lee for the same reasons set forth in the rejection of claims 1-17.

Claim 41 has similar limitations as claim 1. Therefore, claim 41 is rejected under Lee for the same reasons set forth in the rejection of claim 1.

Conclusion

3. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to William J. Goodchild whose telephone number is (571) 270-1589. The examiner can normally be reached on Monday - Friday / 9:00 AM - 5:00 PM EST.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jason Cardone can be reached on (571) 272-3933. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

WJG
08/02/2007


JASON CARDONE
SUPERVISORY PATENT EXAMINER